

QUARTERLY REVIEW MEETING

The meeting was held at Interlocken at 1:00 p.m. on Tuesday, June 29, 1993. An agenda is attached. Attendees included:

A. Duran	EPA	O. Erlich	EG&G	M. C. Rupert	EG&G
J. Swanson	CDH	T. C. Greengard	EG&G	E. H. Wilson	EG&G
D. Norbury	CDH	M.J. Harris	EG&G	L. E. Woods	EG&G
P. Singh	DOE	J. C. Laul	EG&G		
S. R. Grace	DOE	R. E. Madel	EG&G		

The following is a summary of the discussion from the meeting.

I. The status of the following projects was reviewed:

Plasma Melter: Samples of Rocky Flats soils have been shipped and received at the Lockheed testing facility in Nevada. Test work on this soil will begin in mid-July.

Colloid Transport and Treatment: The USGS has written a draft report for the test work conducted since May 1992. The report is undergoing internal review at USGS and may be ready for submittal to DOE later this summer.

TRU/Clean (Lockheed AWC): Characterization testing of the soil sample sent from Rocky Flats is almost completed. Phase II of the test work is scheduled to begin in July. EPA and CDH were invited to visit the test facility the week of July 19 to inspect and observe the test work.

Adsorption: Study is scheduled to begin in early July. The first round of experimental work will consist of capability testing. Results from this work should be completed by the end of the fiscal year and will be used to design the next level of testing.

Bioremediation: Literature summary is almost completed. Work has started on identifying and categorizing potential sites for bioremediation activities at RFP. The intent is to identify sites and potentially applicable bioremediation techniques to be tested during the next fiscal year.

EPA SITE Demo: Preparation is in progress for conducting this test work. The field testing is scheduled to begin September 8th. Concern was raised over what might happen if the test equipment cannot be released from RFP. This issue will be investigated. EPA also expressed a desire that money coming from EPA to fund this project be returned to the Site Wide Treatability Study work package. RFP requested that EPA send a letter to DOE making that request.

Mobile Field Lab: EG&G is evaluating the technical merits, barriers and costs of setting up and operating a field laboratory at Rocky Flats. The data generated by this proposed and unfunded laboratory must achieve Data Quality Level I and II at a minimum and DQO Level III as an optimum guidance and discussion and concurrence with EPA and CDH is requested before such a facility is implemented.

II. Further discussion was held on the direction of the Site Wide Treatability Studies program and how to structure the studies. The approved Final Treatability Studies Plan (FTSP, August 1991) calls for the site wide program to be done at the screening level. Changing the program to do studies at the selection level would be a change in scope for the program which DOE does not want to do. the discussion focused on 1) differentiating between screening and selection studies and 2) how to improve the work plans for future treatability studies.

III. The following commitments were made during this meeting:

- EG&G will discuss with the agencies the selection criteria used to screen potential bioremediation technologies for application at Rocky Flats.
- EG&G will review with the agencies the preliminary site selections at Rocky Flats which will be candidates for bioremediation work.
- EPA will write a letter to DOE requesting the \$191K to support the EPA SITE Demo be directed specifically back to the Site Wide Treatability Studies work package.
- EPA, CDH, EG&G and DOE will meet again on July 15th, at 1 p.m., at Interlocken to review and discuss streamlining the content of current work plans and how future work plans and reports might be improved.

Revised Agenda
Treatability Studies and
Remediation Technologies
Program Review
June 29, 1993
1:00 p.m.

- I. FY '93 Projects
 - Soil Physical Separation (TRU/Clean) (Erllich)
 - Soil Chemical Separation (NRT) (Harris)
 - Colloidal Transport and Treatment (Harris)
 - Adsorption (Laul)
 - Bioremediation (Woods)
 - Colloid Filter Polishing Method (EPA SITE Demonstration) (Rupert)
- II. Other Projects
 - Field Demonstration Projects - Mobile Labs (Wilson)
 - Plasma Melter (Madel)
- III. Projects Delayed untill FY '94 for EPA SITE Demo
 - TRU/Clear (potassium ferrate precipitation)
 - Pondcrete Process Evaluation
 - Solar Detoxification (with NREL and SAIC)
- IV. Building 881 Treatability Study Lab (Laul)
 - ICP- Mass Spec
- V. Testing Level and other topics (General)
 - Selection vs Screening
 - Spiking low level rad samples